

CLAIMS

1. A recording medium comprising:

a content data storage area which stores at least one of
5 content groups conforming to an identical form;

a selector storage area which stores selector information
for designating one of said content groups; and

a retrieved-information storage area which stores
information including a record address needed when a data
10 reproducing device extracts said content group and said
selector information.

2. The recording medium according to claim 1, wherein

said selector storage area further stores a content data
15 list as a list of each content data contained in each content
group stored in said content data storage area.

3. The recording medium according to claim 1, wherein

each of the content groups stored in said content data
20 storage area is brought into one-to-one correspondence with a
user identifier for identifying an individual user, and

said selector storage area stores said user identifier as
the selector information.

25 4. The recording medium according to claim 1, wherein

each of the content groups stored in said content data storage area is stored in a form conforming to an SD-AUDIO specification.

5 5. A recording medium comprising:

a content data storage area which stores at least one of content groups conforming to an identical form; and

a retrieved-information storage area which stores information including a record address needed when a data
10 reproducing device extracts said content group.

6. The recording medium according to claim 5, wherein each of the content groups stored in said content data storage area is brought into one-to-one correspondence with a
15 user identifier for identifying an individual user.

7. The recording medium according to claim 5, wherein each of the content groups stored in said content data storage area is stored in a form conforming to an SD-AUDIO
20 specification.

8. A data reproducing device comprising:
a slot into which a recording medium is inserted;
a selector acquiring section which acquires a selector
25 from a selector storage area of said recording medium inserted

into said slot;

a selector updating section which updates the selector acquired from said selector acquiring section, in conformity with a content group to be reproduced;

5 a content data acquiring section which acquires content data contained in each of content groups from the content data storage area of said recording medium; and

a content data reproducing section which reproduces the content data acquired by said content data acquiring section,

10 wherein

said recording medium includes: a content data storage area which stores at least one of content groups conforming to an identical form; a selector storage area which stores selector information for designating one of said content groups; and a retrieved-information storage area which stores information including a record address needed when the data reproducing device extracts said content group and said selector information.

20 9. A data reproducing device comprising:

a slot into which a recording medium is inserted;

a content group selecting section which selects one of content groups stored in a content data storage area of said recording medium inserted into said slot;

25 a content data acquiring section which acquires content

data contained in each of the content groups from the content data storage area of said recording medium; and

a content data reproducing section which reproduces the content data acquired by said content data acquiring section,

5 wherein

the recording medium includes: the content data storage area which stores at least one of content groups conforming to an identical form; and a retrieved-information storage area which stores information including a record address needed

10 when the data reproducing device extracts said content group.

10. A data reproducing method for reproducing data stored in a content data storage area of a recording medium, includes the following steps of:

15 writing information showing said content groups as a selector into said selector storage area; and

extracting content data of each of the content groups selected by said selector from said content data storage area, and then reproducing the content data,

20 when said recording medium includes a content data storage area which stores at least one of content groups conforming to an identical form, a selector storage area which stores selector information for designating one of said content groups, and a retrieved-information storage area which
25 stores information including a record address needed when a

data reproducing device extracts said content group and said selector information.

11. The data reproducing method according to claim 10,
5 further includes the following steps of:

retracting selector information of said recording medium when a user identifier is given by the user, and then updating the given user identifier as new selector information;

reproducing only content data of a content group
10 corresponding to the given user identifier; and

backing to rewrite said retracted selector information after the reproduction,

when each of the content groups stored in said content data storage area of said recording medium is brought into
15 one-to-one correspondence with a user identifier for identifying an individual user and said user identifier is stored in said selector storage area as selector information.

12. A data reproducing method for reproducing data
20 stored in a content data storage area of a recording medium, further includes the following step of:

sequentially reproducing all content groups contained in said content data storage area,

when said recording medium includes a content data
25 storage area which stores at least one of content groups

conforming to an identical form, and a retrieved-information storage area which stores information including a record address needed when the data reproducing device extracts said content group.

5

13. The data reproducing method according to claim 12, further includes the following steps of:

selecting a content group corresponding to said user identifier; and

10 reproducing only content data of the selected content group,

when a user identifier corresponding to said content group is given from the user.

15 14. A data recording device comprising:

a slot into which a recording medium is inserted;

a selector updating section which acquires a selector from a selector storage area of said recording medium inserted into said slot and, also, updates said selector in conformity

20 with a content group to be recorded;

a content data converting section which inputs content data and converts the inputted data into a content group including a file conforming to a specification of said recording medium; and

25 a content data recording section which records data of

the content group in the content data storage area of said recording medium, wherein

said recording medium includes: the content data storage area which stores at least one of content groups conforming to an identical form; a selector storage area which stores selector information for designating one of said content groups; and a retrieved-information storage area which stores information including a record address needed when a data reproducing device extracts said content group and said selector information.

15. A data recording device comprising:

a slot into which a recording medium is inserted;

a content group selecting section which selects one of content groups stored in a content data storage area of said recording medium inserted into said slot;

a content data converting section which inputs content data and converts the inputted data into a content group including a file conforming to a specification of said recording medium; and

a content data recording section which records data of the content group in the content data storage area of said recording medium, wherein

said recording medium includes: the content data storage area which stores at least one of content groups conforming to

an identical form; and a retrieved-information storage area which stores information including a record address needed when a data reproducing device extracts said content group.